Cunningham Radiotron

RCA-11, RCA-12

DETECTOR, AMPLIFIER

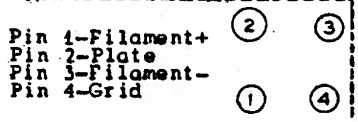
Filament	Coated		
Voltage	1.1		d-c volts
Current	0.25		amp.

Direct Interelectrode Capacitances:

Grid to Plate	3.3	µµf
Grid to Filament	2.5	µµf
Plate to Filament	2.5	µµf

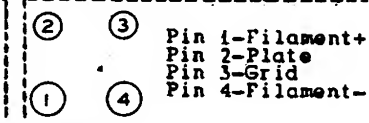
	Type 11	*Type 12*
Maximum Overall Length	4-1/8"	4-11/16"
Maximum Diameter	1-5/16"	1-7/16"
Bulb	T-8	T-10
Base	WD 4-Pin	Med. 4-Pin Bay.

Type 11



Pin 1-Filament+
Pin 2-Plate
Pin 3-Filament-
Pin 4-Grid

Type 12



Pin 1-Filament+
Pin 2-Plate
Pin 3-Grid
Pin 4-Filament-

BOTTOM VIEWS

AMPLIFIER (Class A)

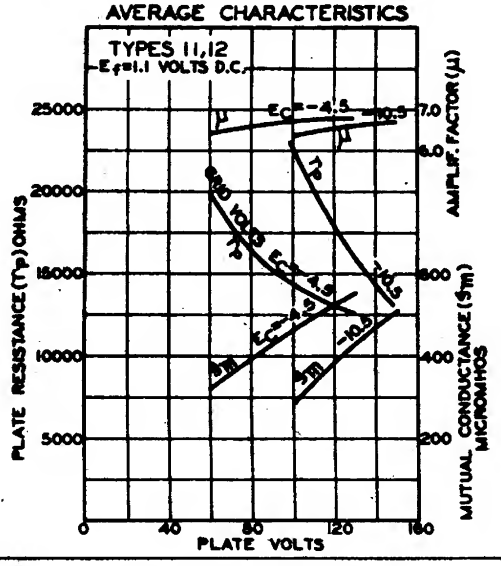
Operating Conditions and Characteristics:

Filament	1.1	1.1	d-c volts
Plate	90	135 max.	volts
Grid	-4.5	-10.5	volts
Amp. Fact.	6.6	6.6	
Plate Res.	15500	15000	ohms
Mut. Cond.	425	440	µmhos
Plate Cur.	2.5	3	ma.

DETECTOR

Typical Operation:	*Biased*		*Grid-Leak*	
Filament	1.1	1.1	1.1	d-c volts
Plate	90	135 max.	45	volts
Grid (approx.)	-10.5	-18	Return to (+)Fil.	volts
Plate Cur.	Adjusted to 0.2 ma. with no input signal		-	
Grid Leak	-	-	0.25 to 5	megohms
Grid Condenser	-	-	0.00025	µf

AVERAGE CHARACTERISTICS



RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

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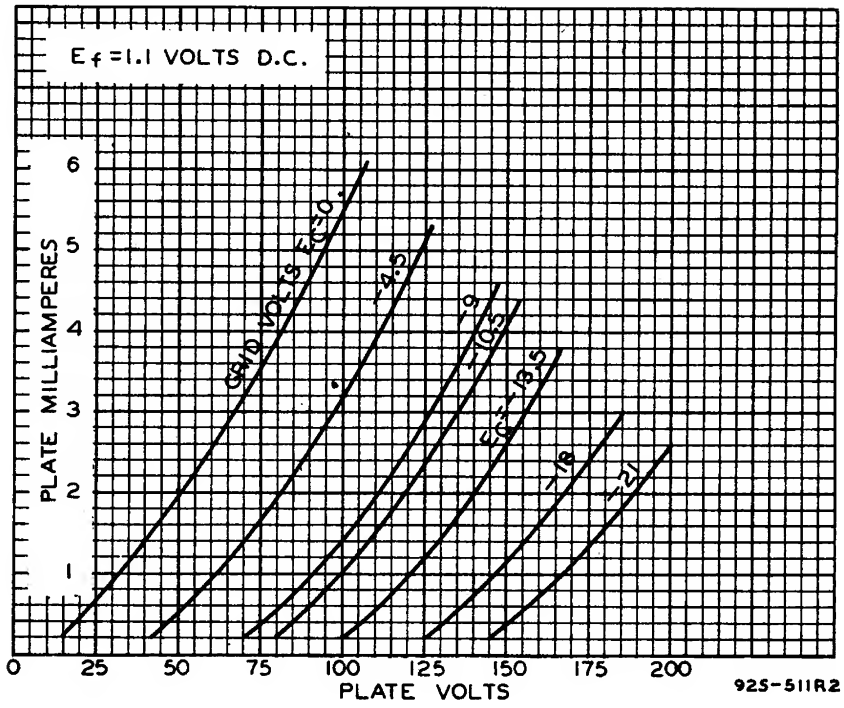
RCA Cunningham Radiotron RADIO TUBES

RCA-11, RCA-12

AVERAGE PLATE CHARACTERISTICS



AVERAGE CHARACTERISTICS